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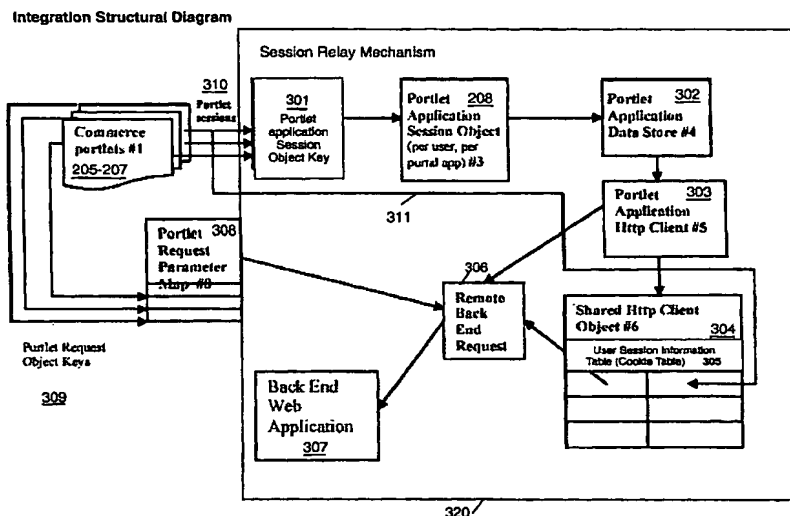
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(54) Title: METHOD AND APPARATUS FOR MANAGING A COLLECTION OF PORTLETS IN A PORTAL SERVER



(57) Abstract: The invention provides apparatus and methodology for displaying to a user a web portal for a web application, the web portal displaying a plurality of associated portlets, sharing information with each other, accessible by the user; including: a portal server for operating a web portal to provide access to the web application; a portlet application for operating on the portal server, for managing a collection of associated portlets; the portlet application includes: means to initiate portlets on requests of a user to access the web application; means to manage a portlet application session object for the portlets; and, a portlet application session object data store controlled by the portlet application session object for saving parameters from user requests for associating the portlets with the with the portlet application session object.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/52572 A (SONY ELECTRONICS INC) 8 September 2000 (2000-09-08) page 3, line 11 - page 6, line 13 page 14, line 18 - line 19 page 17, line 22 - page 19, line 1 page 25, line 19 - line 22 page 27, line 35 - page 28, line 25	1-18
X	LECTION D B ET AL: "WebSphere Portal programming: Portlet application programming, Part 2. Give and take -- portlet messaging techniques" IBM, 1 March 2002 (2002-03-01), XP002275896 the whole document ----- -/--	1-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*Z\* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>OZGUR BALSOY AND OTHERS: "The Online Knowledge Center: Building a component based portal"</p> <p>PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE ENGINEERING, 'Online! June 2002 (2002-06), XP002284054</p> <p>Retrieved from the Internet:  URL:http://citeseer.ist.psu.edu/cache/papers/cs/27866/http:zSzzSzgrids.ucs.indiana.eduSzptliupageszSzpublicationszSzOKCPaper1x1.pdf/balsoy02online.pdf&gt;  'retrieved on 2004-06-10!  the whole document</p>	1-18
A	<p>MARTIN S. LACHER, MICHAEL KOCH, WOLFGANG WÖRNDL: "A framework for personalizable Community web portals" 'Online! September 2001 (2001-09), XP002284055</p> <p>Retrieved from the Internet:  URL:http://citeseer.ist.psu.edu/cache/papers/cs/22655/http:zSzzSzwww11.in.tum.dezSzpublicationszSzpdfzSz1acher2001a.pdf/1acher01framework.pdf&gt; 'retrieved on 2004-06-10!  the whole document</p>	1-18
A	<p>HESMER S ET AL: "Portlet Development Guide. Introduction to the Portlet API" INFORMATION AND KNOWLEDGE ENGINEERING '02, 30 January 2002 (2002-01-30), XP002267926</p> <p>the whole document</p>	1-18
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